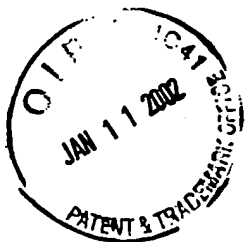


Express Mail Label No.: EL 831679602 US
Date of Deposit: January 11, 2002

01/14/02

RECEIVED
JAN 18 2002 641

TECH CENTER 1600/2900



PATENT APPLICATION
Attorney Docket No. 15966-552 (CURA-52)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Shimkets et al.
SERIAL NUMBER: 09/584,411 EXAMINER: Not Yet Assigned
FILING DATE: May 31, 2000 ART UNIT: 1641
FOR: Novel Polynucleotides and Polypeptides Encoded Thereby

Box SEQUENCE

Assistant Commissioner for Patents
Washington, D.C. 20231

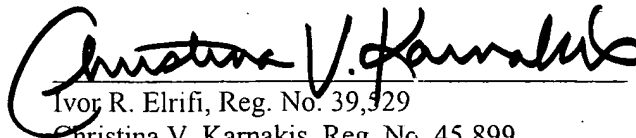
TRANSMITTAL LETTER

Enclosed herewith are the following for the above-identified non-provisional patent application:

1. Response to Notice to Comply with Sequence Listing Requirement Under 37 CFR §§ 1.821 – 1.825 (1 page);
2. Copy of Notice to Comply with Sequence Listing Requirements (1 pages);
3. Substitute Computer Readable Form Copy of the "Sequence Listing" (1 diskette);
4. Substitute Paper Copy of the "Sequence Listing" (191 pages);
5. Statement in Support of Computer Readable Form Submission Under 37 C.F.R. § 1.821(f) (1 page);
6. Supplemental Preliminary Amendment (2 pages) and
7. Return postcard.

The Commissioner is hereby authorized to charge any fee that may be due, or to credit any overpayment, to Deposit Account No. 50-0311 (Reference No. 15966-552). A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,


Ivor R. Elrifi, Reg. No. 39,329
Christina V. Karnakis, Reg. No. 45,899

Date: January 11, 2002

Attorneys for Applicants
c/o MINTZ, LEVIN
One Financial Center
Boston, Massachusetts 02111
Tel: (617) 542-6000
Fax: (617) 542-2241

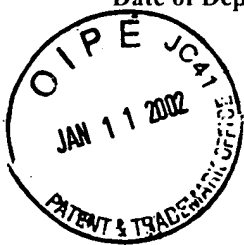
TRA 1616248v1



30623

PATENT TRADEMARK OFFICE

Express Mail Label No.: EL 831679602 US
Date of Deposit: January 11, 2002



RECEIVED
JAN 18 2002
TECH CENTER 1600/2900

PATENT APPLICATION
Attorney Docket No. 15966-552 (CURA-52)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Shimkets et al.
SERIAL NUMBER: 09/584,411 EXAMINER: Not Yet Assigned
FILING DATE: May 31, 2000 ART UNIT: 1641
FOR: Novel Polynucleotides and Polypeptides Encoded Thereby

Box SEQUENCE

Assistant Commissioner for Patents
Washington, D.C. 20231

**RESPONSE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE
DISCLOSURES**

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed December 21, 2001, Applicants submit herein a copy of the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, a paper copy of the Sequence Listing, an identical CRF (1 disk), a Statement in Support of Computer Readable Form, a Supplemental Preliminary Amendment and a Return Postcard.

The Commissioner is hereby authorized to charge any fee that may be due, or to credit any overpayment, to Deposit Account No. 50-0311 (Reference No. 15966-552).

Respectfully submitted,

Date: January 11, 2002

Ivor R. Elrifi, Reg. No. 59,529
Christina V. Karnakis, Reg. No. 45,899
Attorneys for Applicants
c/o MINTZ, LEVIN
One Financial Center
Boston, Massachusetts 02111
Tel: (617) 542-6000
Fax: (617) 542-2241



RECEIVED
Page 1 of 1

JAN 18 2002

TECH CENTER 1600/2900

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/584,411	05/31/2000	Richard A. Shimkets	15966-552 (CURA-52)

CONFIRMATION NO. 6088

FORMALITIES LETTER



OC000000007223290

Ivor R. Elrifi
Mintz, Levin, Cohn, Ferris,
Glovsky and Popeo, P.C.
One Financial Center
Boston, MA 02111

Date Mailed: 12/21/2001

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE
DISCLOSURES**

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE